

Claims

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1. Process for producing continuous-flow units for microstructured analytical systems, characterized in that
 - a) at least two plastic components are provided, of which at least one component is microstructured;
 - b) at least one component is wetted with adhesive such that, after the components are joined together, the interior of the channel system is not coated with adhesive;
 - c) the components are aligned;
 - d) the components are pressed together;
 - e) the glue is cured.
 2. Process for producing continuous-flow units for microstructured analytical systems according to Claim 1, characterized in that at least one component for step a) is provided in advance with electrodes.
 3. Process for producing continuous-flow units for microstructured analytical systems according to Claim 1 or 2, characterized in that the alignment in step c) ~~is performed using sputtered optical registration markers.~~
 4. Continuous-flow unit for a microstructured analytical system produced by a process corresponding to one of Claims 1 to 3.
 5. Continuous-flow unit for a microstructured analytical system according to Claim 4, characterized in that the continuous-flow unit has electrodes which are in free contact with the interior of the channel system.

6. Continuous-flow unit for a microstructured analytical system corresponding to one of Claims 4 or 5, characterized in that the electrodes have an adhesive coating of chromium oxide and a coating of noble metal.

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